



# FEMA

**Disclaimer:** The purpose of this briefing is to provide a ***Regional*** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh) and click on the "Weather Forecast Offices" tab and click on the map for your area.

## FEMA Region 6 Weather Threat Briefing

Friday, November 17, 2017

Issued: 0800 CT

**Day 1 Weather Impacts: Critical Fire Weather across portions of E NM and TX Panhandle.**

**National Weather Service**

*Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX*



**Prepared by: Brian Hoeth / Molly Merrifield  
817-978-1100 x 147**

# Key Points



## Today

- Critical fire weather conditions are expected for a few hours this afternoon across E Central NM and the TX Panhandle. Red flag warnings in effect.

## Saturday

- A few strong to severe thunderstorms w/ damaging wind gusts possible over NE AR

## Sunday-Tuesday

- No significant weather is expected

## Tropical Outlook

- An area of low pressure is producing disorganized thunderstorms across the SW Caribbean Sea. No Impacts Expected to FEMA Region 6.
- Formation chances through the next 48 hours...low...20%.
- Formation chances through the next 5 days...low...20%.

# FEMA Region 6 Threat Matrix

## Nov 17, 2017 through Nov 21, 2017

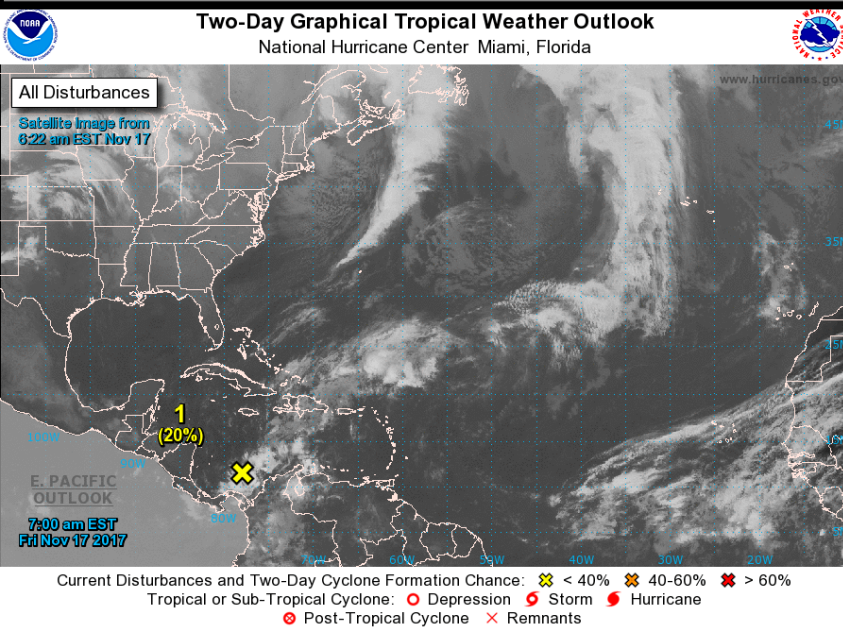
	FRI	SAT	SUN	MON	TUE
Severe Weather		NE AR			
Heavy Rain / Flash Flooding					
Fire Weather	E NM/TX Panhandle				
Winter					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*

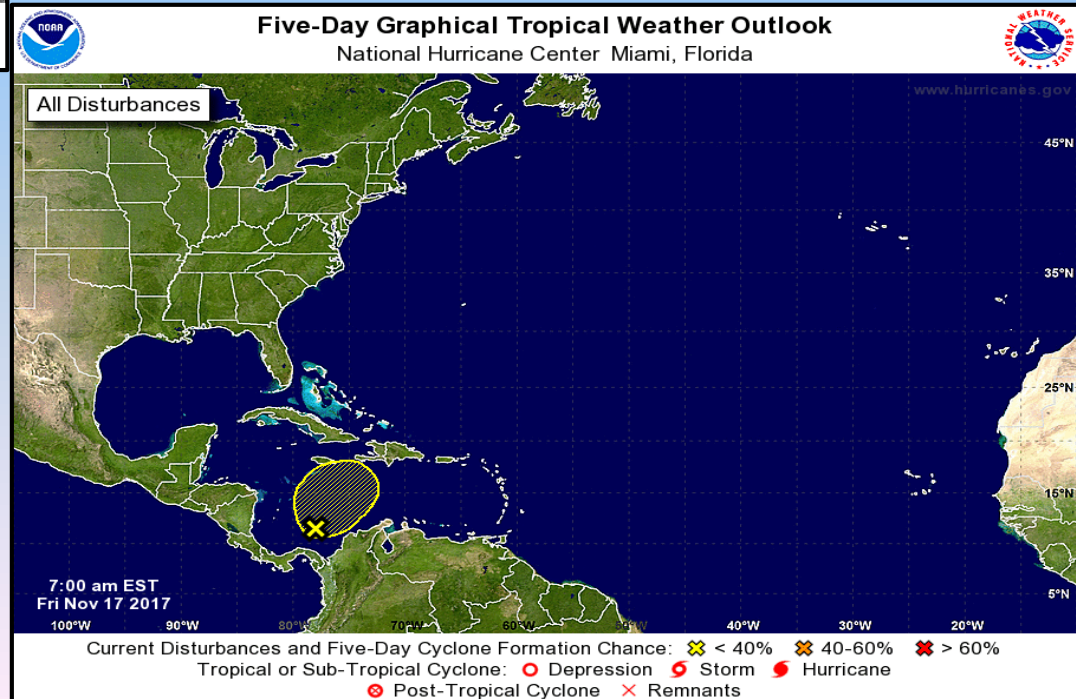


# Tropical Weather Outlook



An area of low pressure is producing disorganized thunderstorms over the SW and Central Caribbean Sea.  
No Impacts to FEMA Region 6.

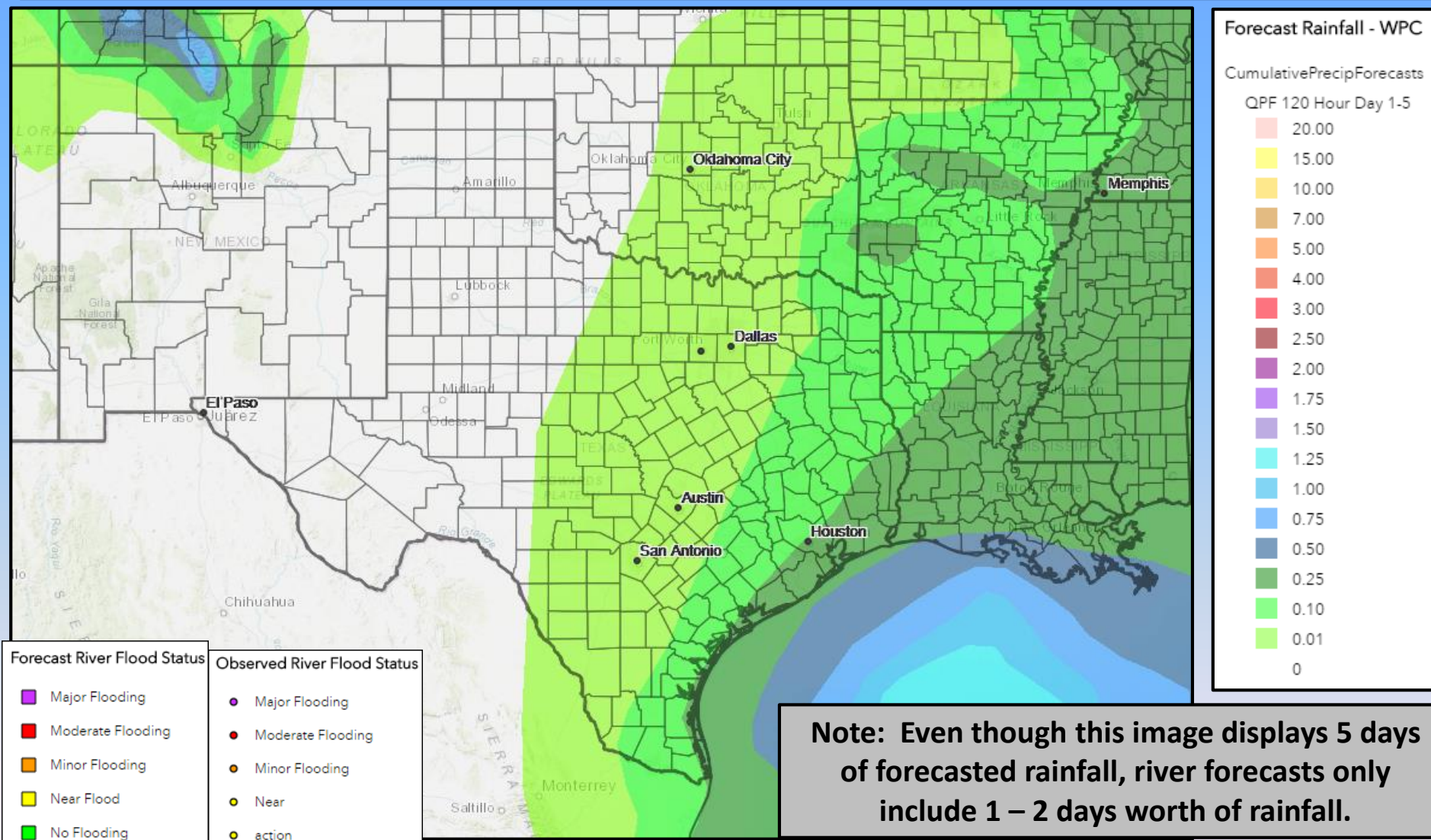
- Formation chances in the next 48 hours...low...20%
- Formation chances in the next 5 days...low...20%.





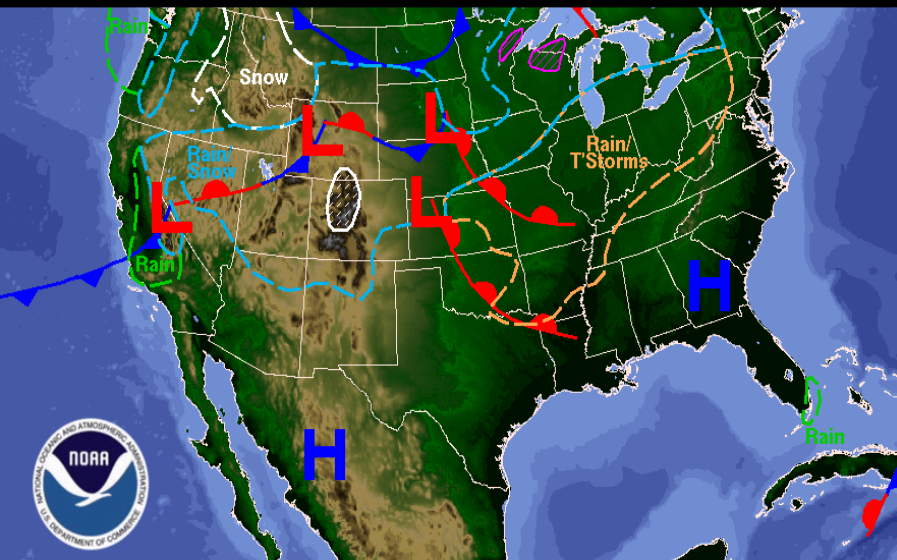
# 5-Day Precipitation Forecast & River Flood Status

No significant river flooding is occurring or expected.



For the latest on river flooding: <http://water.weather.gov/ahps>

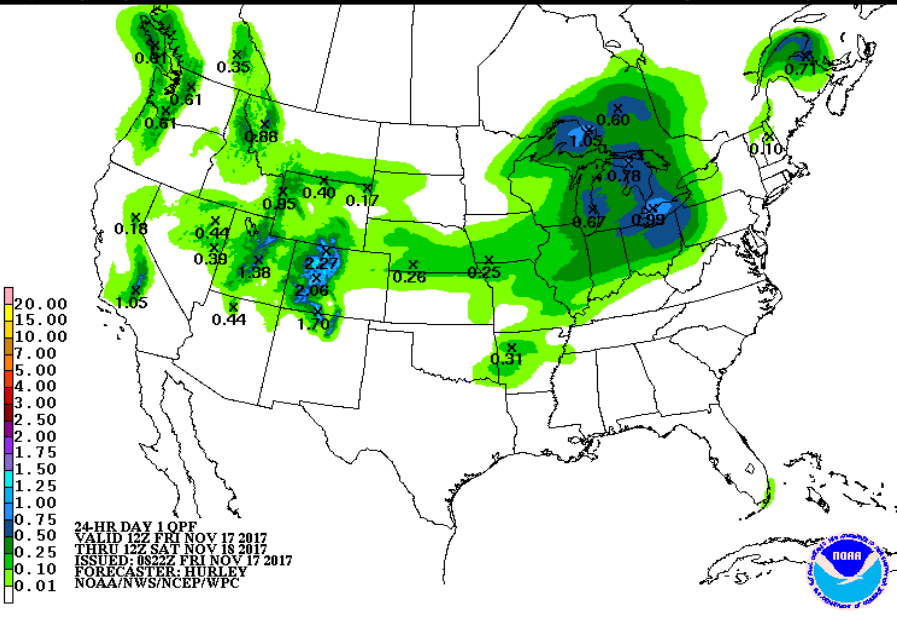
# Today's Weather



**Day 1 National Forecast Chart**

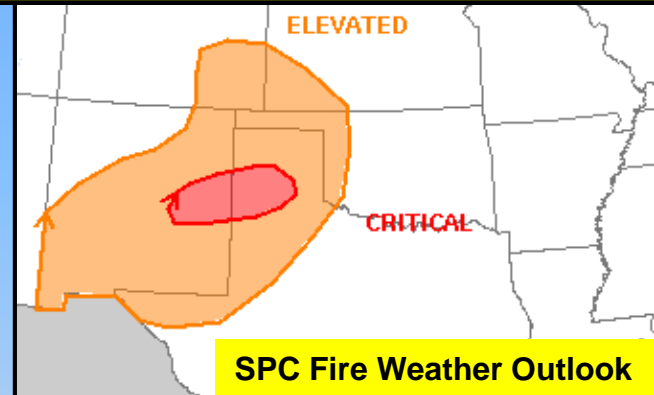
Valid Fri, Nov 17, 2017, issued 4:44 AM EST  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by McCreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)

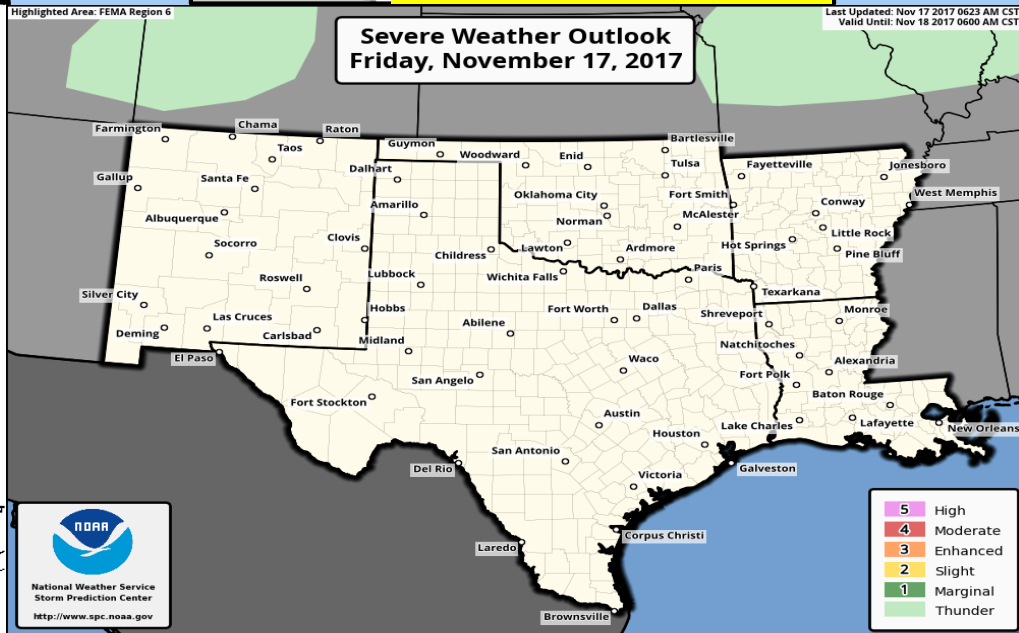


24 HR DAY 1 OPI  
 VALID 12Z FRI NOV 17 2017  
 THRU 12Z SAT NOV 18 2017  
 ISSUED: 0622Z FRI NOV 17 2017  
 FORECASTER: HURLEY  
 NOAA/NWS/NCEP/WPC

**Critical fire conditions are expected for a few hours this afternoon over parts of Central E NM and the TX Panhandle. Red flag warnings are in effect until 6 PM CST today.**



**SPC Fire Weather Outlook**



**Severe Weather Outlook  
 Friday, November 17, 2017**

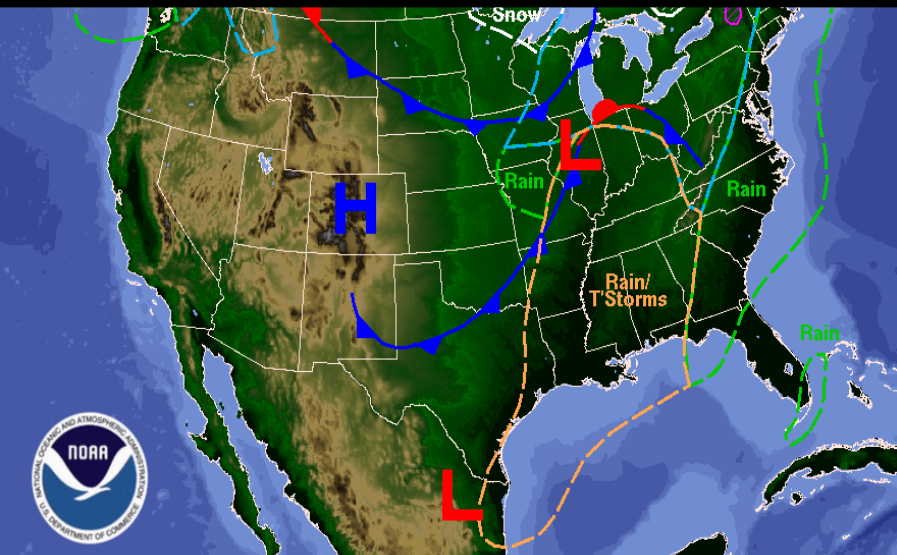
Last Updated: Nov 17 2017 06:23 AM CST  
 Valid Until: Nov 18 2017 06:00 AM CST

5 High  
 4 Moderate  
 3 Enhanced  
 2 Slight  
 1 Marginal  
 Thunder

NOAA  
 National Weather Service  
 Storm Prediction Center  
<http://www.spc.noaa.gov>

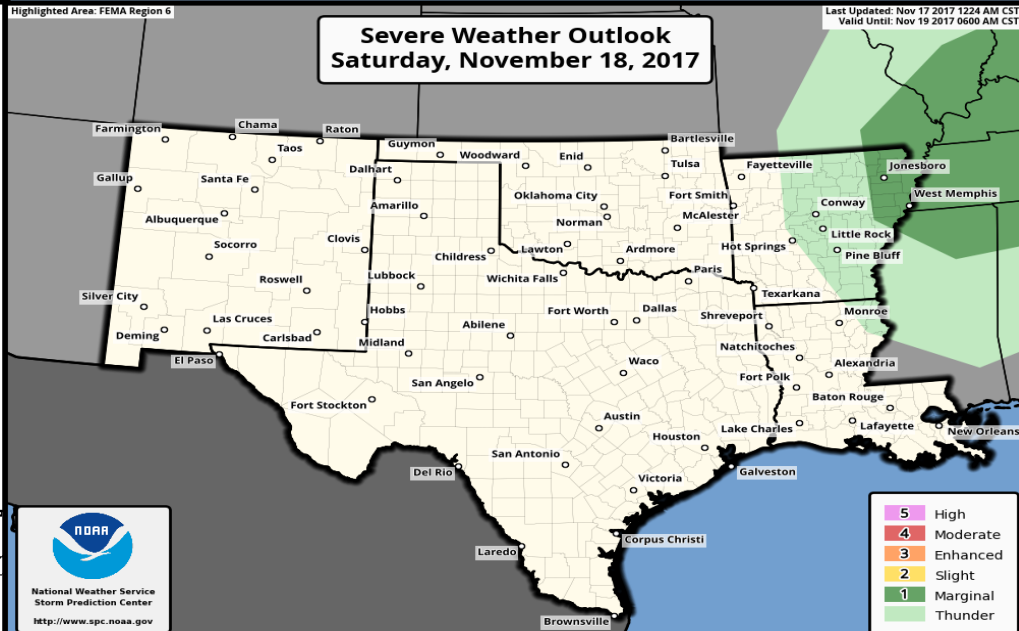
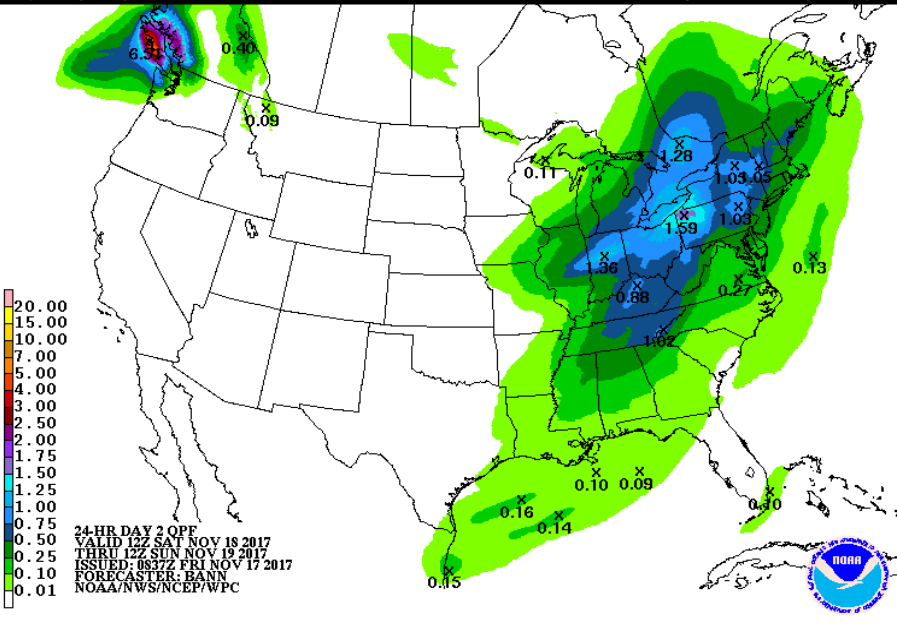


# Tomorrow's Weather

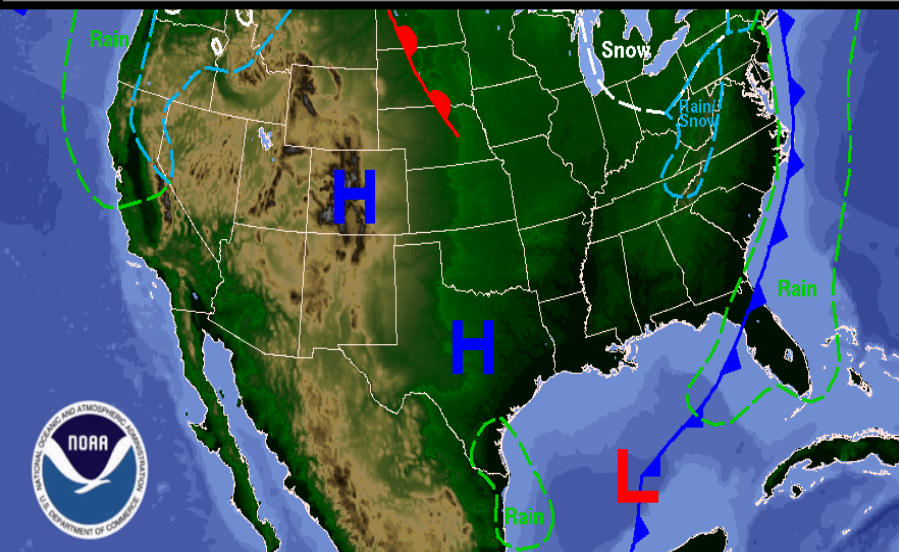


A few strong to severe thunderstorms w/  
damaging wind gusts possible over NE AR.

Day 2 National Forecast Chart  
Valid Sat, Nov 18, 2017, issued 4:47 AM EST Fri, Nov 17, 2017  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds with WPC/SPC/NHC forecasts



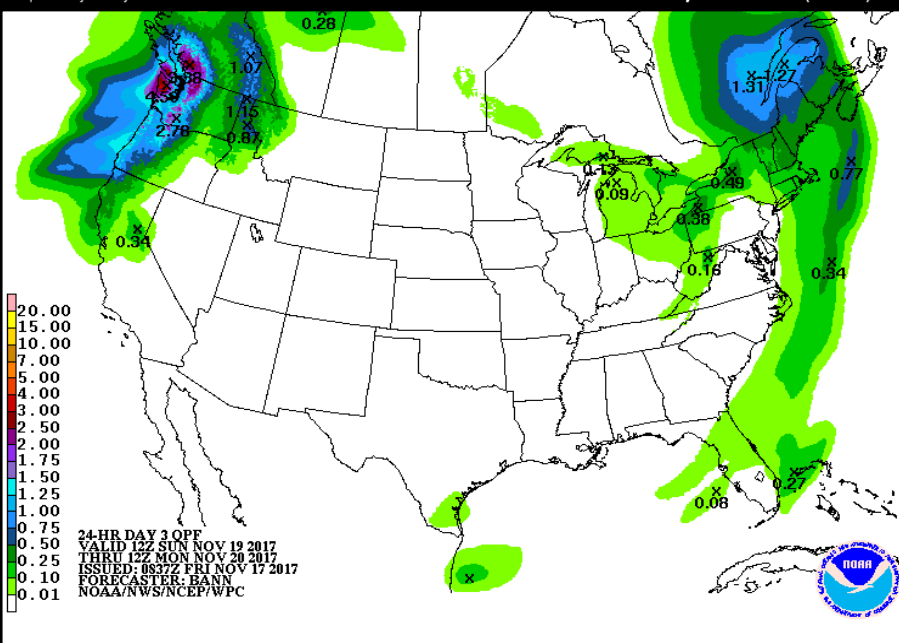
# Sunday's Weather



**Day 3 National Forecast Chart**

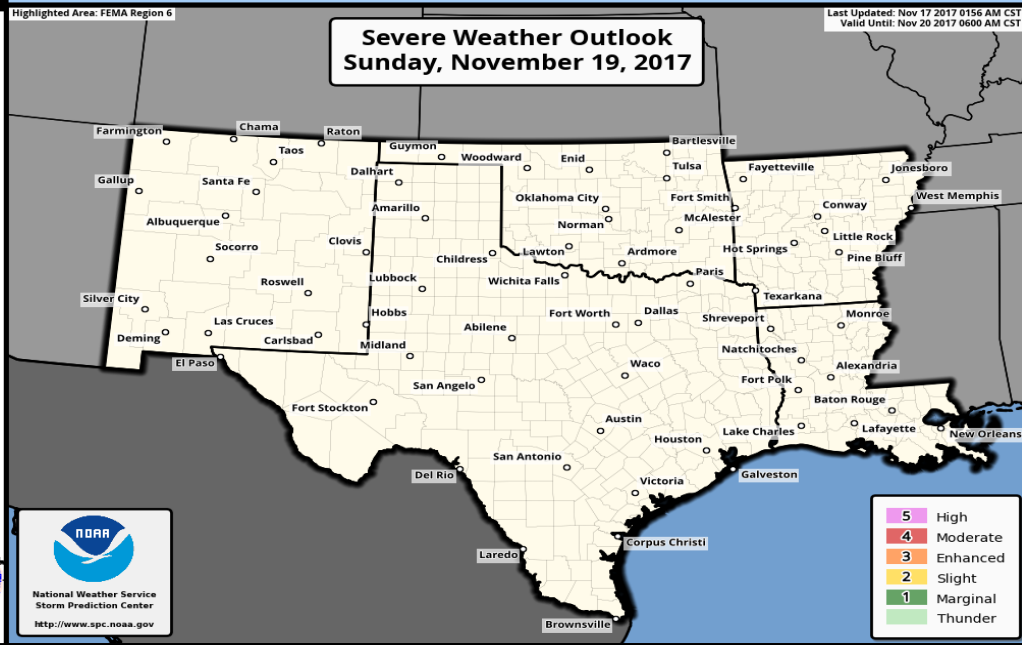
Valid Sun, Nov 19, 2017, issued 4:51 AM EST Fri, Nov 17, 2017  
 DOC/NOAA/NWS/NCEP/Weather Prediction Center  
 Prepared by Mcreynolds with WPC/SPC/NHC forecasts

Rain  
 Rain and T'Storms  
 Rain and Snow  
 Snow  
 Flash Flooding Possible (hatched)  
 Severe T'Storms Possible (hatched)  
 Freezing Rain Possible (hatched)  
 Heavy Snow Possible (hatched)



24-HR DAY 3 OPI  
 VALID 12Z SUN NOV 19 2017  
 THRU 12Z MON NOV 20 2017  
 ISSUED: 0837Z FRI NOV 17 2017  
 FORECASTER: BANN  
 NOAA/NWS/NCEP/WPC

No significant weather expected.



**Severe Weather Outlook**  
 Sunday, November 19, 2017

Last Updated: Nov 17 2017 0156 AM CST  
 Valid Until: Nov 20 2017 0600 AM CST

5 High  
 4 Moderate  
 3 Enhanced  
 2 Slight  
 1 Marginal  
 Thunder

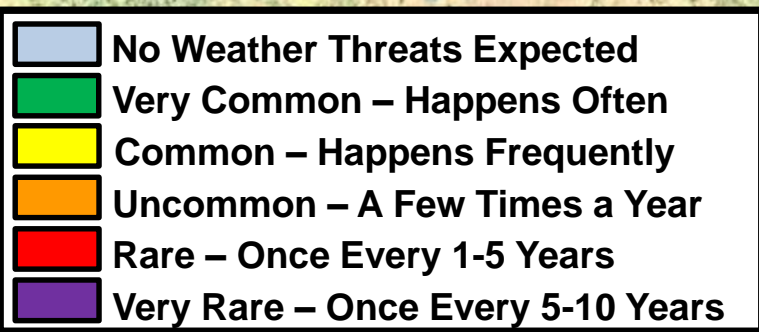


# Day 4-5 Weather Hazards

## *Monday-Tuesday*

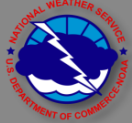


**No Significant Weather  
Impacts**



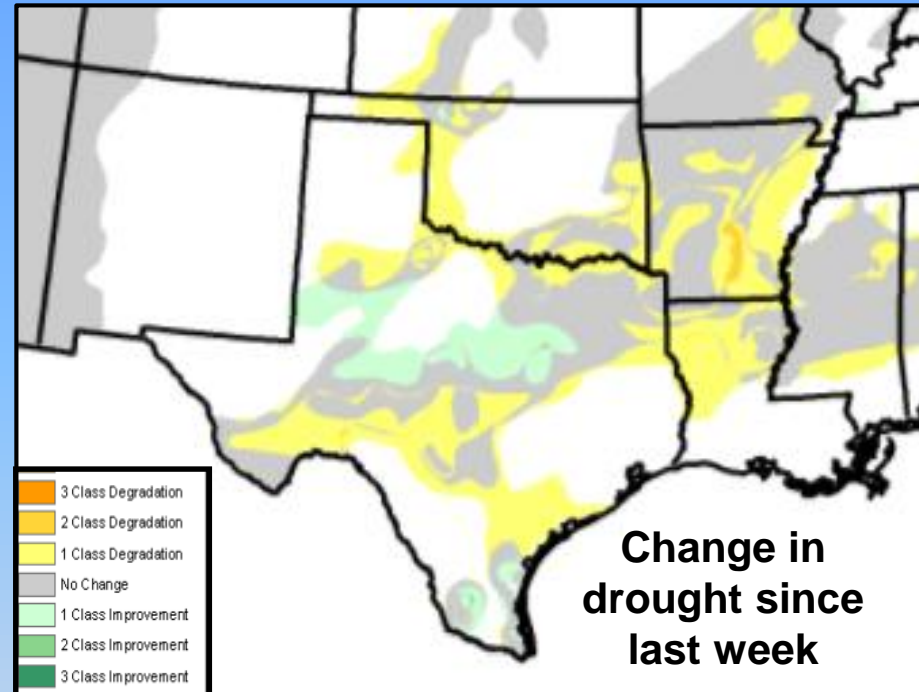
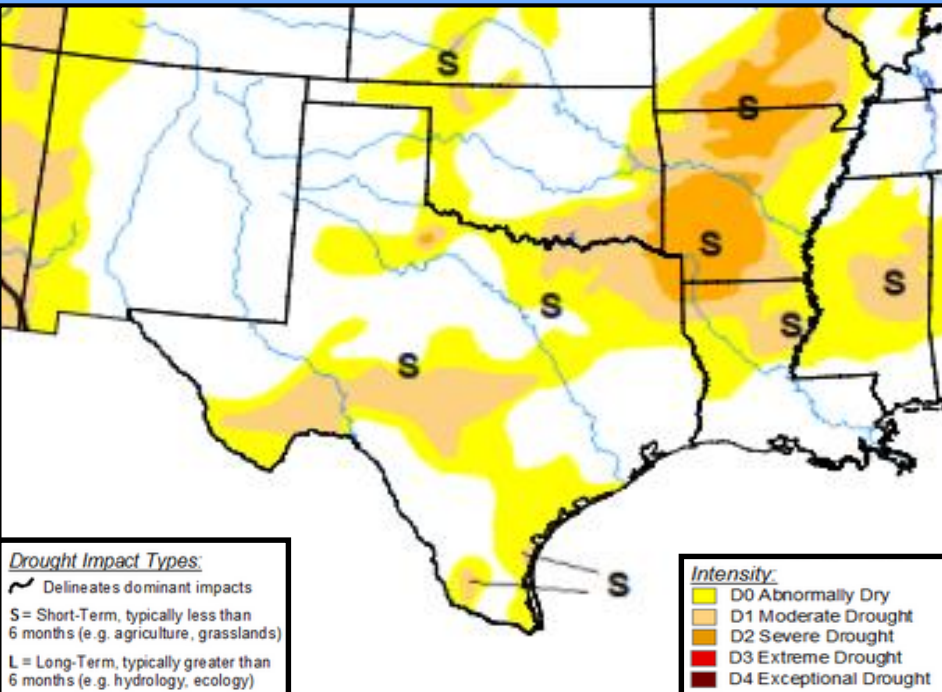
\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.





# Drought Monitor Released November 16, 2017

Data valid as of 6am CST, Tuesday, November 14, 2017



## Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

State	Current	Last Week	3 Months Ago	1 Year Ago
Oklahoma	0.00%	0.00%	0.00%	0.65%
Arkansas	0.00%	0.00%	0.00%	1.13%
Texas	0.00%	0.00%	0.00%	0.63%
Louisiana	0.00%	0.00%	0.00%	4.59%
New Mexico	0.00%	0.00%	0.00%	0.00%

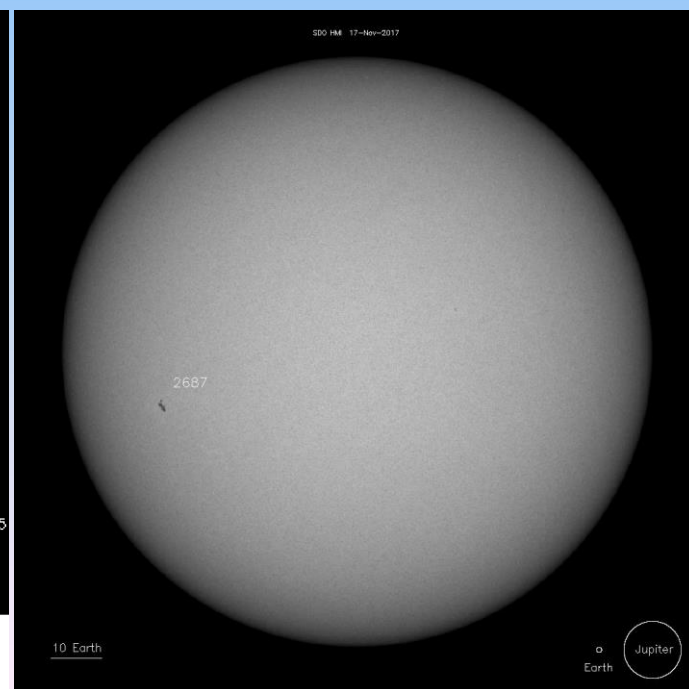
# Space Weather 3-Day Forecast



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)

	Friday	Saturday	Sunday
Geomagnetic Storms	Unsettled to Active (Max Kp = 4)	Quiet to Unsettled (Max Kp = 3)	Unsettled to Active (Max Kp = 4)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



Normal X-ray Background  
 Product Valid At : 2017-11-17 13:03 UTC

Normal Proton Background  
 NOAA/SWPC Boulder, CO USA

Information provided by:



**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

Phone: (682) 703-3747 **\*New Direct Number**  
E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)  
Web: <http://www.weather.gov/srh> (**NEW link!!**)

**facebook**

<https://www.facebook.com/NWSSouthern>

**twitter**

@NWS\_Southern\_US [https://twitter.com/NWS\\_Southern\\_US](https://twitter.com/NWS_Southern_US)



# The criteria for the color codes in our briefings is below, please provide any feedback to [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov).



Weather "Threat" Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1" hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>